

ABSTRACT OF THE DISCLOSURE

A recording control apparatus includes a waveform
rectification section for receiving a digital signal
5 generated from an analog signal representing information
reproduced from an information recording medium, and
rectifying a waveform of the digital signal; a maximum
likelihood decoding section for performing maximum
likelihood decoding of the digital signal having the waveform
10 thereof rectified, and generating a binary signal
representing a result of the maximum likelihood decoding;
a reliability calculation section for calculating a
reliability of the result of the maximum likelihood decoding
based on the digital signal having the waveform thereof
15 rectified and the binary signal; and an adjusting section
for adjusting a shape of a recording signal for recording
the information on the information recording medium based
on the calculated reliability.
